SONY 3-239-332-21(1)

TV/WEATHER/FM Stereo/AM **PLL Synthesized Radio**

Operating Instructions



TV/WEATHER/FM/AM WALKMAN

SRF-M80V

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http://www.sonv.net/

For customers in the USA

Please register this product on line at http://www.sony.com/productregistration.

Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

WARNING

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with the Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference

Trade Name: SRF-M80V Model name: Tested To Comply

With FCC Standards FOR HOME OR OFFICE USE

If you have any questions about the product, you may call: Sony Direct Response Center 1-(800)-222-7669 or write to: Sony Direct Response Center 12451 Gateway Blvd. Fort Myers, FL

Declaration of Conformity

Trade Name: SONY Model: SRF-M80V

Responsible Party: Sony Electronics Inc.

Address: 680 Kinderkamack Road, Oradell, NJ 07649

Telephone Number: 201-930-6972

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Before You Begin

Thank you for choosing the Sports Walkman radio! It will give you many hours of reliable service and listening pleasure. Before operating the radio, please read these instructions thoroughly and retain them for future reference.

Features

- \bullet TV/WEATHER/FM/AM 4 band PLL (phase locked loop) synthesized
- Easy Preset Digital Tuning with 25 memory presets. 5 direct presets calls and 1 direct weather-band button.
- Stopwatch, split and pitch timer functions.
- Wearable round design for armband and belt-holder use.
- Water-resistant for all –weather use.
- · MEGA BASS for dynamic bass sound.

Notes on AM Channel Step

The AM channel step differs depending on areas. See "Changing AM

Precautions

- Operate the unit only on 3 V DC with two size AAA (R03) batteries.
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave the unit in a car parked
- · Should anything fall into the unit, remove the batteries and have the
- unit checked by qualified personnel before operating it any further.

 To clean the casing, use a soft cloth dampened with a mild detergent
- In vehicles or buildings, radio reception may be difficult or noisy. Try listening near a windov

Notes on Headphones

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage
Avoid using headphones at high volume.

Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to people around you.

If there is lightning when you are using the unit, take off the headphones immediately.

Cautions on Water-resistance

This unit is designed so that it can be used with slight exposure to rain, snow and other forms of moisture, but there are several points on which caution should be observed.

- Do not allow it to come in contact with large amounts of water.
- Do not immerse it in water.
 If water should get on it or if it should fall into water, take it out. immediately and wipe it off with a dry cloth. The interior of the battery compartment has no water-resistance. The battery may
- corrode, so wipe out the interior of the battery compartment as follows. Open or close the battery compartment with dry hands in a place
- without exposure to any water.

 Wipe off the battery and the inside of the battery compartment. Give special attention to the contacts so that no water remains on them

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Troubleshooting Guide

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

All buttons do not operate at all.
• "o¬¬" is displayed. Slide down the HOLD lever so that "o¬¬" disappears.

Very weak or interrupted sound, or unsatisfactory reception

- In a vehicle or in a building, move closer to a window.

Display is dim, or no indication is displayed.

- The unit is being used in extremely high or low temperatures or in a place with excessive moisture

The station cannot be received when a PRESET TUNING (1 to 5) button is pressed.

- · You chose the wrong preset number
- The memory of the station has been initialized. Preset the station again.

The power cannot be turned on, and "###" is flashing in the

display.The batteries have been completely exhausted.

The preset stations may be initialized, if a maintenance service is

performed.
Please note down your settings in case you want to preset them again.

Specifications

Time display

12-hour system

Frequency range

Band	Range	Channel step		
TV	2 - 13 ch	1 channel		
WEATHER	1 - 7 ch	1 channel		
FM	87.5 - 108 MHz	0.1 MHz		
AM	530 – 1 710 kHz	10 kHz		

Output $\bigcap \text{ (headphones) jack (ø 3.5 mm, stereo minijack) } 16 \ \Omega$

15 mW + 15 mW (at 10 % harmonic distortion)

3 V DC, two size AAA (R03) batteries Dimensions

Power requirements

Approx. $69.2 \times 45 \times 113.5 \text{ mm (w/h/d)}$

 $(2^{3}/4 \times 1^{13}/16 \times 4^{1}/2 \text{ inches})$ incl. projecting parts and controls

Approx. 104.2 g (3.68 oz.) incl. batteries

Accessories Supplied

Stereo headphones (vertical in the ear type) (1) Arm band (1)

Design and specifications are subject to change without notice.

Installing the Batteries

(See Fig. A-@)

- 1 Open the battery compartment lid and install two size AAA (R03) batteries (not supplied) with correct polarity.
- When batteries are first installed, "AM 12:00" flashes in the display. Once the current time is set, the flashing stops
- 2 Close the lid.

Sony size AAA (R03)

Battery Life (Approx. hours)			(JEITA*)	
When using	TV	WEATHER	FM	AM
Sony alkaline size AAA (LR03)	28	28	30	50

Measured by JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstance of the unit.

When to replace the batteries

You can check the remaining battery power that appears in the display. The indicators are as follows:

Indicator



Full strength* Weakening*



When the battery becomes exhausted, the unit will turn off. Replace with new batteries. When you press **POWER** after installing the new batteries, the indicator changes to

11

30

* Displayed only when the radio is turned on.

Do not take more than 40 seconds to replace the batteries, otherwise, your clock, pitch timer and countdown timer settings and preset stations will be initialized. Should that happen, reset the functions again.

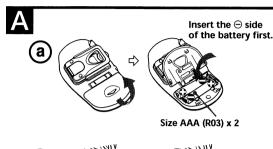
Notes on batteries

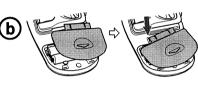
- Do not charge the dry batteries.
- Do not carry the dry batteries together with coins or other metallic objects. It can generate heat if the positive and negative terminals of the batteries are accidentally come into contact with metallic objects.
- When you are not going to use the unit for a long time, remove the batteries to avoid damage from battery leakage and corrosion.
- Do not use different types of batteries at the same time.
 When you replace the batteries, replace all with new ones.

To attach the battery compartment lid if it is accidentally detached (See Fig. A-b)

The battery compartment lid is designed to come off when opened with excessive force. To put it back on, see the illustration.

- 1 Insert one side of the lid as illustrated.
- 2 Push the other side to attach





SONY

Tape Cassette Player/Recorder/CD Player/Mini Disc

LIMITED WARRANTY

Portable Audio

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanshin as follows:

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- To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception prob-

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

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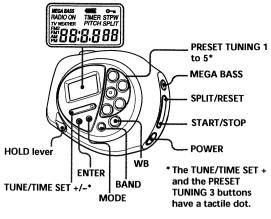
To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for

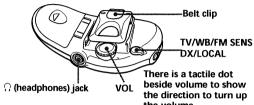
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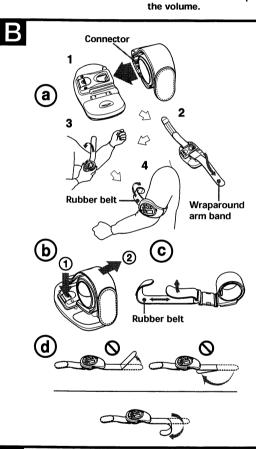
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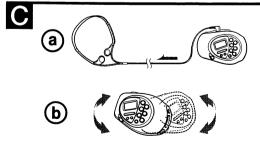
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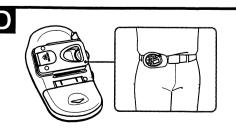
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Using the Arm Band (See Fig. B-@)

- 1 Slide the connector onto the unit until you hear a click.
- 2 Unwind and straighten the wraparound arm band. To more easily straighten the band, slightly bend the tip of the band in
- 3 Hold the body of the unit and attach the straightened band to your arm.
- The band will wind by itself.
- 4 Tighten the band with the rubber belt.

To remove the arm band from the unit (See Fig. **B**-**b**)

While holding down "PUSH RELEASE" (1), slide the connector to remove the arm band (2)

The arm band can be attached either on left or right arm by changing up side down. The unit can also be removed with the arm band attached on your arm, as instructed above.

To vary the length of the rubber belt to fit your arm (See Fig. B-©) the velcro fastener to the proper position

If the rubber belt and wraparound band becomes dirty love the rubber belt from the unit and clean them.

Caution (See Fig. B-@)

- Avoid bending the wraparound band forcibly in the opposite direction.
- The straightened band will wind easily when you touch or wiggle it. Be

Preventing Accidental Change — HOLD Function

Slide up \mbox{HOLD} lever to the direction of the arrow

"om" appears in the display to indicate all buttons are locked.

To cancel HOLD, slide down HOLD lever to the opposite direction of the arrow.
"o---" disappears in the display.

Setting the Clock

The display will flash "AM 12:00" when the batteries are first inserted.

- 1 Press MODE repeatedly to select the clock mode when the clock mode is not on.
- 2 Hold down ENTER for more than 2 seconds. The beep sounds and the hour flashes in the



3 Press **TUNE/TIME SET +** or **–** until the correct hour appears in the display. Each press changes the digit(s) by one

When you keep the button pressed, the digit(s) change rapidly.

4 Press ENTER

The beep sounds and the minute starts to flash. Repeat step 3 to set the minute. After setting the minute, press ENTER again. The two beeps sound and the clock starts from 0 seconds



12-hour system: "AM 12:00" = midnight "PM 12:00" = noon

Changing AM Channel Step

The AM channel step differs depending on areas. The channel step of this unit is factory-set to 10 kHz. Change the settings as shown below to be

Area	Channel step		
North and South American countries	10kHz		
Other countries	9kHz		

When the AM channel step is changed, the preset stations for AM will be

- 1 Press POWER to turn off the power.
- 2 Press MODE repeatedly to select the clock mode when the clock mode is not on.
- 3 While holding down TUNE/TIME SET + or -, keep pressing MODE for more than 5 seconds.

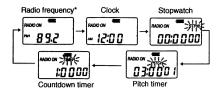
Two short beeps sound, and the AM channel step will be changed. "AM 9" (or "AM 10") is displayed for about 2 seconds If you proceed to step 3 again, the channel step changes again.

Selecting the Mode

You can use this unit as a radio, clock, stopwatch, pitch timer or

The functions of clock, stopwatch, pitch timer, countdown timer are available even if the power is off.

Press MODE to select a function mode. Each function mode can be selected as follows:



* Selected only when the power is on.

Playing the Radio

- Manual Tuning

- **1** Connect the headphones to the Ω (headphones) jack.
- 2 Press POWER to turn on the radio. "RADIO ON" appears in the display.
- 3 Press BAND to select the band.

Each press changes the band as follows

 \rightarrow AM \longrightarrow FM1 \longrightarrow FM2 \longrightarrow TV-

To change the band to WEATHER, press WB. You can return to the previous frequency by pressing BAND.

FM1 and FM2 are differentiated only for Preset tuning. For Manual tuning of FM stations, select either band

Each band memorizes the frequency you had tuned previously.

- 4 Press TUNE/TIME SET + or to tune in to the desired station. Two short beeps sound when the minimum frequency of each band is received during tuning.
- 5 Adjust the volume using VOL.

To turn off the radio, press POWER.

Improving the Reception

- FM: Extend the headphones cord which functions as the FM antenna (See Fig. ••a).
- AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built-in the unit (See Fig. (-6)).

Set TV/WB/FM SENS to LOCAL if interference is prevalent and reception is too strong. Under normal conditions, set it to DX.



Enhancing Bass Sound

Press MEGA BASS.

"MEGA BASS" indication appears in the display when the MEGA BASS

The MEGA BASS function intensifies the bass sound for richer quality

Presetting Your Favorite Station — Preset Tuning

You can preset up to 10 stations in FM (5 stations in FM1, 5 stations in FM2), and 5 stations in each AM, TV, WEATHER.

Presetting a station

- 1 Follow steps 1 to 4 in "Playing the Radio" and manually tune in to the station you wish to preset
- 2 Press the PRESET TUNING button you wish to preset for more than a few seconds.

You will hear two confirmation beeps and preset number appears in

To preset another station, repeat these steps.

To change the preset station, tune in to the desired station and hold down the **PRESET TUNING 1** to **5** button. The new station will replace the previous station on the preset button.

Example: Display window when you preset FM 90.0 MHz in the PRESET TUNING 2 button for FM2.



Tuning in a Preset Station

- 1 Press POWER.
- 2 Press BAND or WB to select the band.
- 3 Press the desired PRESET TUNING button.
- 4 Adjust the volume using VOL.

Holding down the desired **PRESET TUNING** button for more than a few seconds will replace the previous station on the PRESET TUNING button with the station you tuned in to.

Using the Stopwatch

The stopwatch can time up to 99 hours 59 minutes and 59.99 seconds, in 1/100-second increments.

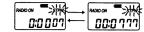
- **1** Press **MODE** to select the stopwatch. STPW" flashes in the display.
- 2 Press START/STOP to start.
- The display shows the elapsed time

3 Press START/STOP to stop

To reset to zero, press SPLIT/RESET when the stopwatch is in the stop

The stopwatch comes with two display modes. To switch to the hour-

minute-second display, press ENTER. To switch to the minute-second-split second display, press ENTER again



When the count time exceeds "59:59 99" during the minute-second-split second display, the display switches to the hour-minute-second display

To switch to the other modes during counting, press MODE.

"STPW" stops flashing if changed to other mode while the stopwatch

To listen to the radio while the stopwatch is running, press POWER. The display will switch to the radio frequency for a few seconds.

Displaying the Split Time

To display the current split time, press SPLIT/RESET while the stopwatch is running. "SPLIT" flashes in the display.

The stopwatch keeps counting during the display.

To return to the count display, press SPLIT/RESET again while the split time is being displayed.

Using the Pitch Timer

The pitch timer allows setting the timer with an identical length of time repeatedly. The functions of the radio, the stopwatch, and the countdown timer are available even while the pitch timer is being used.

- 1 Press **MODE** to select the pitch timer. "PITCH" flashes in the display.
- 2 Hold down ENTER for more than 2 seconds. The been sounds and the countdown duration



- 3 Press TUNE/TIME SET + or to set the desired countdown duration for the pitch timer.
 - The countdown duration can be set from 1 second to 59 minutes 59 seconds, in 1-second increments.
- 4 Press ENTER.

The beep sounds and the number of times flashes in



5 Press **TUNE/TIME SET +** or **-** to set the desired number of times.

The number of times can be set up to 99.

6 Press ENTER.

The two beeps sound and the number of times stops flashing.

7 Press START/STOP.

Countdown starts. After the preset countdown duration, the two beeps sound three times

When the last pitch timer setting is finished, the display switches to the pitch timer display even in another display mode and a long beep sounds, and then returns to the previous display. To stop the long beep, press any button.

To pause the countdown on the pitch timer, press START/STOP while

At this time, the countdown is reset by pressing **SPLIT/RESET**. The display will show the set-up countdown duration and number of times

To switch to the other modes, press MODE. "PITCH" stops flashing if changed to other mode while the pitch timer

Using the Countdown Timer

You can use the built-in countdown timer to turn off the radio automatically after a preset duration.

1 Press MODE to select the countdown timer.

"TIMER" flashes in the display.

2 Hold down ENTER for more than 2 seconds. The beep sounds, and the countdown duration starts flashing.

3 Press TUNE/TIME SET + or - to set the desired countdown duration for the timer.

The countdown duration can be set from 1 minute to 2 hours, in 1-

4 Press ENTER

counts down.

The two beeps sound and the countdown duration stops flashing

5 Press START/STOP.

Countdown starts. The radio is automatically turned on when the radio is off. After the preset countdown duration, the four beeps sound five times and the radio is turned off. To stop the beeps, press any button.

To turn off the radio before the preset time, press POWER.

To pause the countdown on the countdown timer, press START/STOP

At this time, the countdown is reset by pressing SPLIT/RESET. The display will show the set-up countdown duration

To switch to the other modes, press MODE.

'TIMER" stops flashing if changed to other mode while the countdown timer counts down.

Using the Belt Clip (See Fig. D)

Use the belt clip when attaching the unit to your belt.